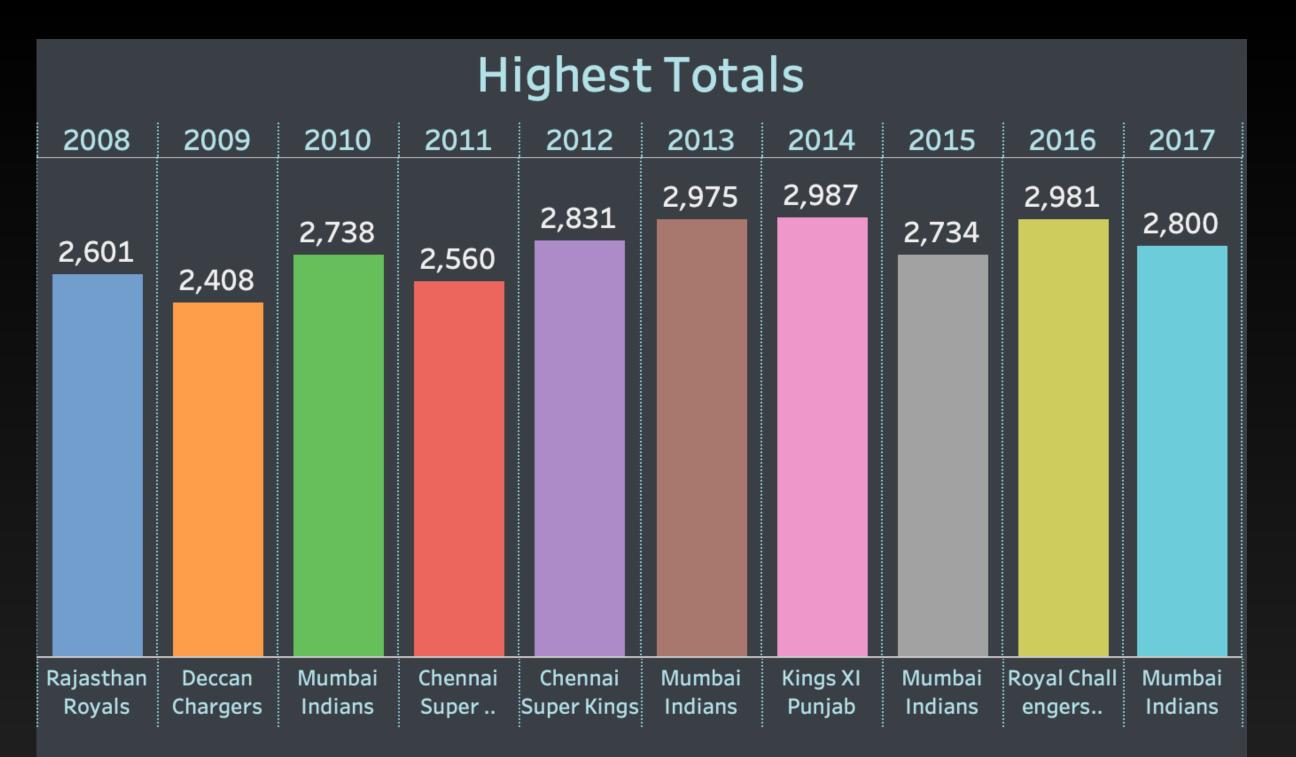
# IPL Visualisation Assignment UpGrad & IIITB

#### Match Statistics

#### Highest Totals

Which Teams scored highest at each season?

- Each bar graph represents the runs scored by the team as whole which was highest w.r.t. that season of IPL
- We can see that Kings XI
   Punjab scored 2,987 runs
   which is the highest among all the seasons

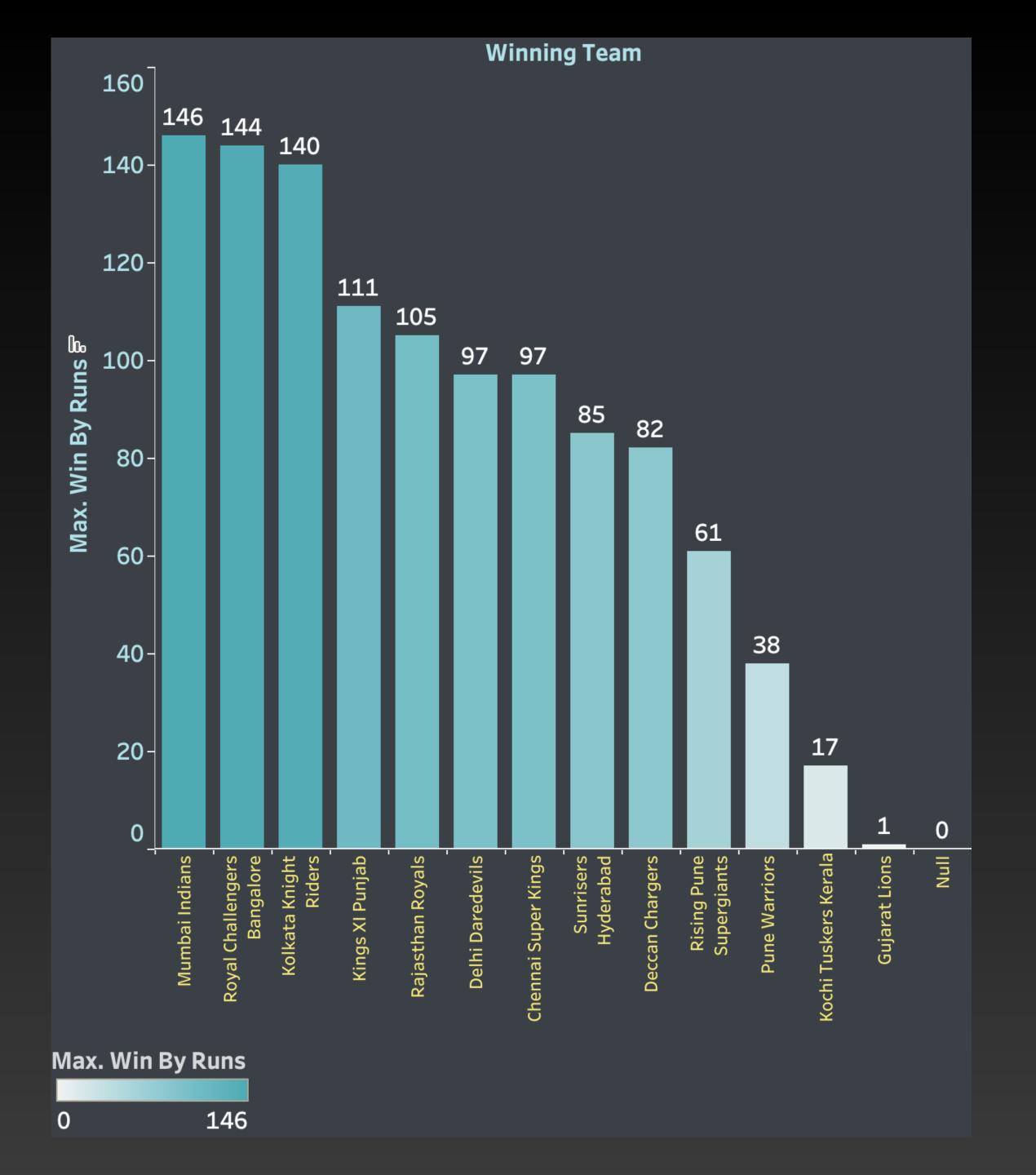


#### Season

- **2008**
- **2009**
- **2010**
- **2011**
- **2012**
- **2013**
- **2014**
- **2015**
- **2016**
- **2**017

## Biggest Win by Runs Which Wining team had highest runs difference?

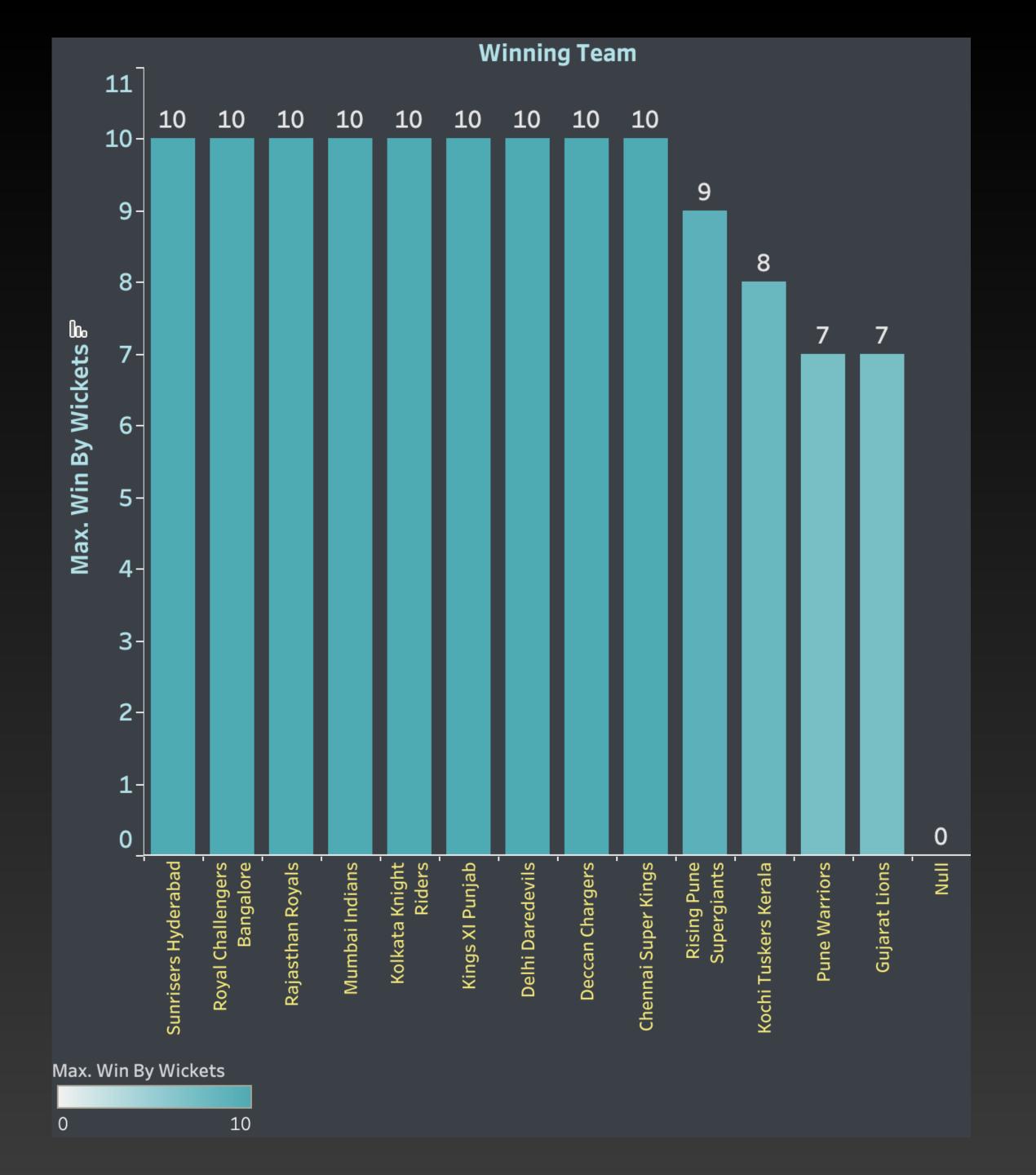
- We can clearly see that in 2017,
   Mumbai Indians crushed Delhi
   Daredevils by 146 runs
- In 2016 RCB won with 144 runs against Gujarat Lions
- This chart helps us to know the Batting Potential of Teams



#### Biggest Win by Wickets Teams exceeding the opponents score without loosing

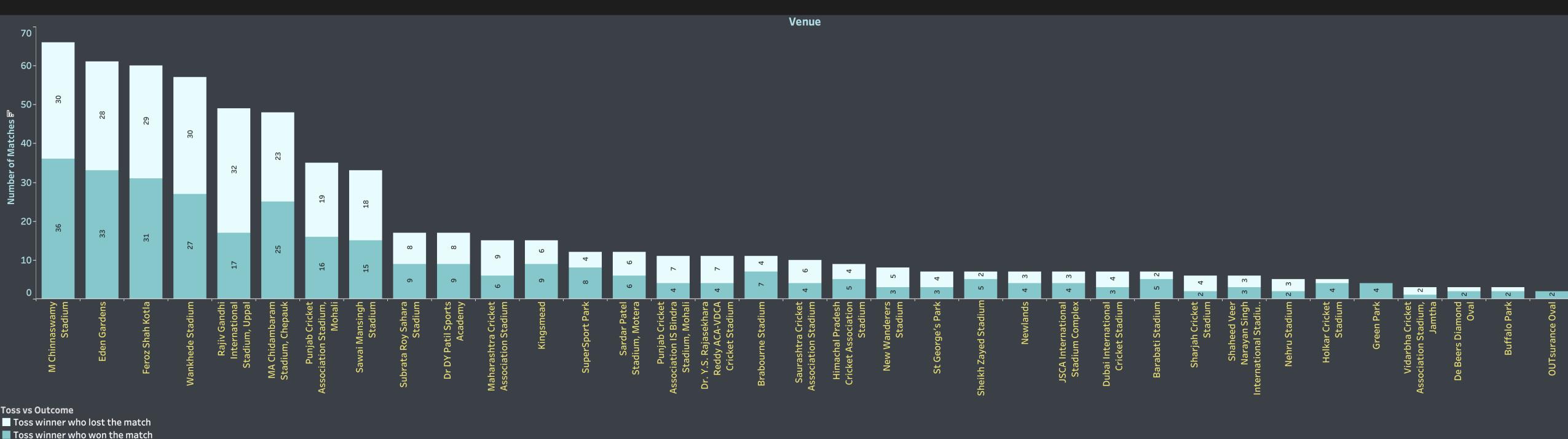
Teams exceeding the opponents score without loosing many players

- Gujrat Lions and Pune Warriors are the teams who has won matches Maximum of 7 wickets. These teams need to work on their opening batters.
- This chart helps us to track the teams with good opening pairs



# Toss Outcome v/s Match Outcome For Each Ground / Venue

- Most Matches were played on M Chinnaswamy Stadium, 36 toss winners won the match and 30 toss winners lost the match
- At Rajiv Gandhi International Stadium, out of 49 toss winners only 17 won the match



# Player Statistics

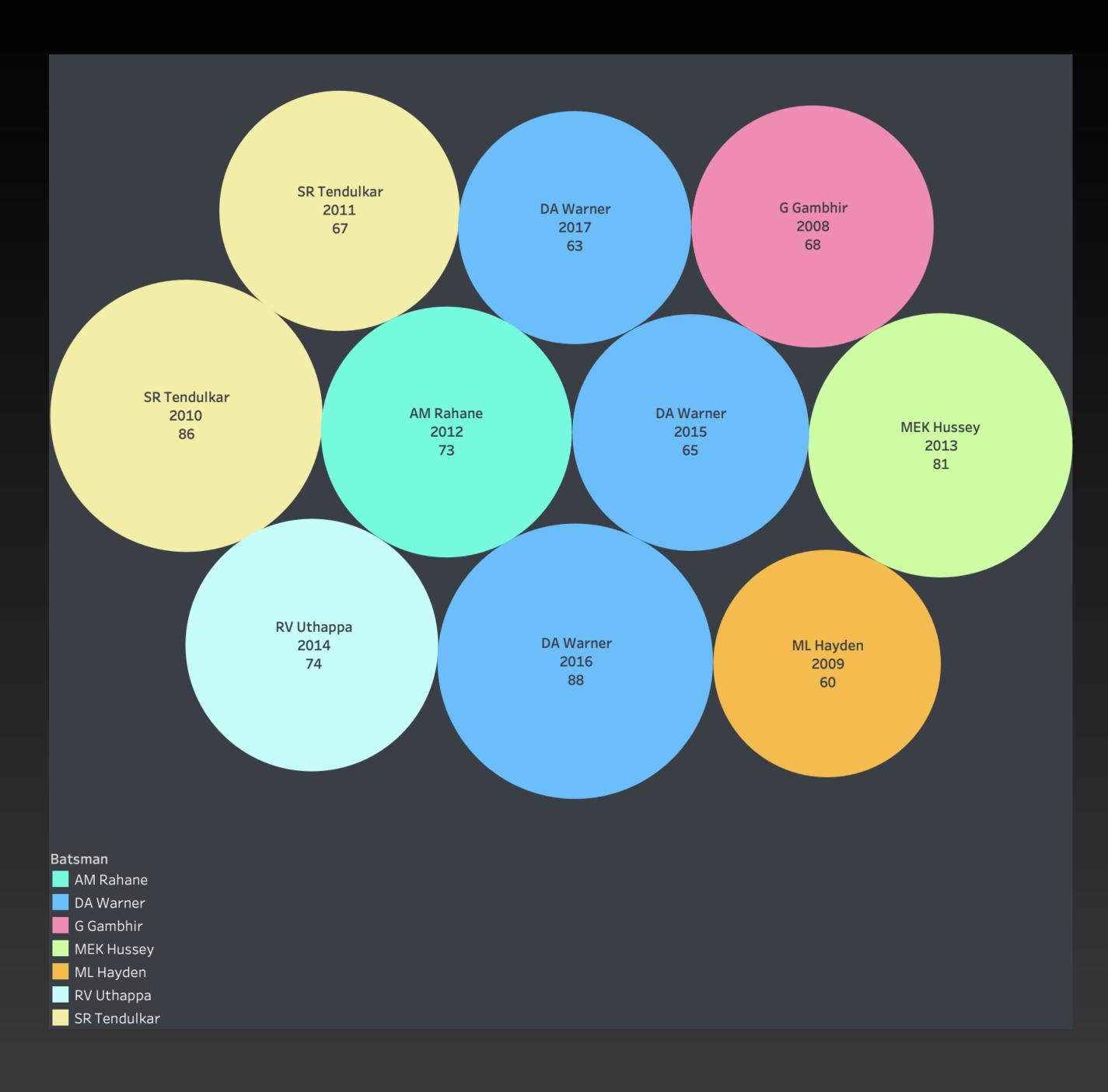
# Most 6's per Season Maximum 6 hitter of each season

- CH Gayle has delivered maximum sixes for 4 IPL seasons, Also holds all time highest record of 59 sixes in 2012 season
- GJ Maxwell and DA Warner delivered the same number of 6's in 2017 IPL
- This bubble chart helps us identify potential 6 hitters



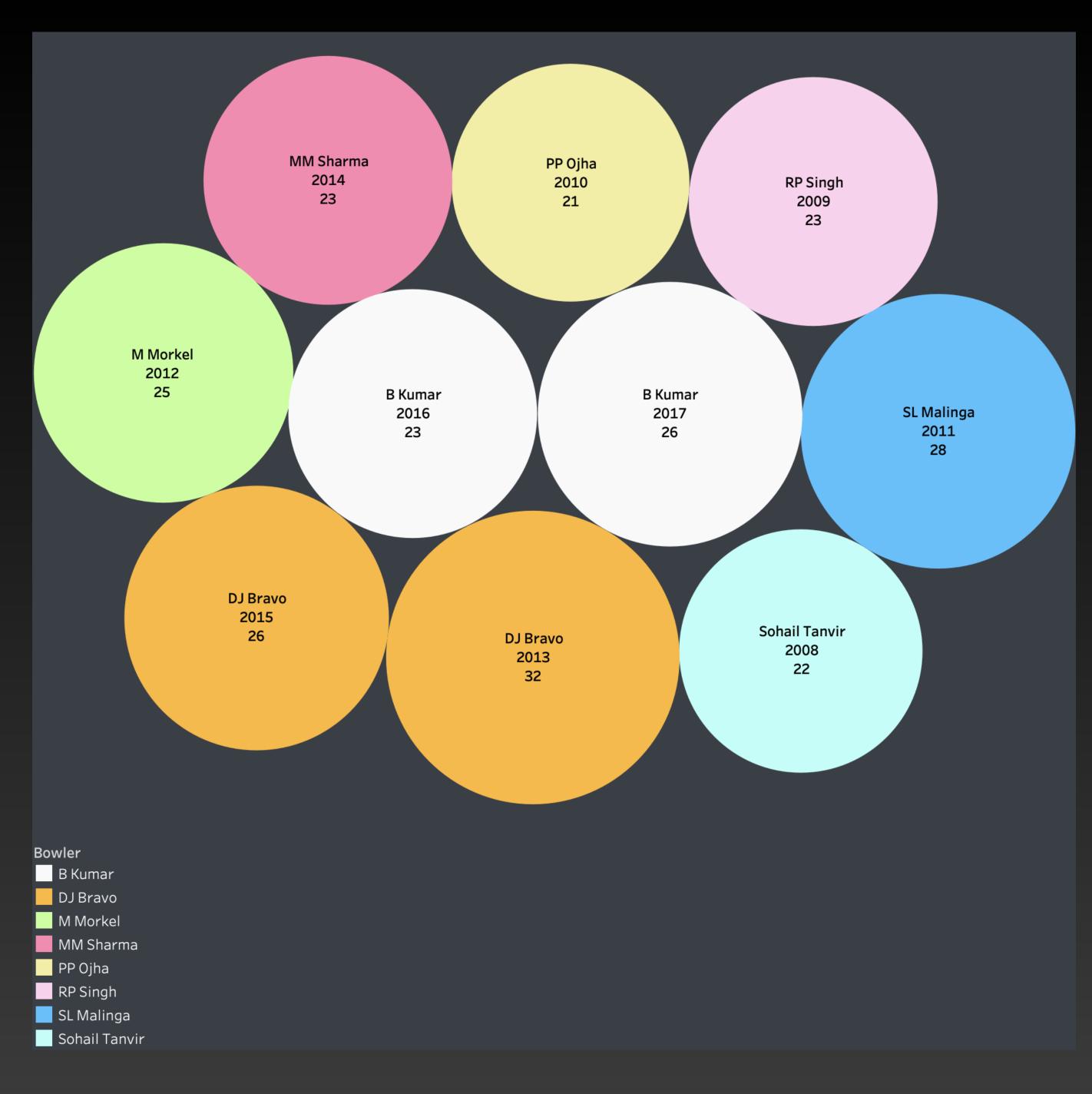
# Most 4's per season Maximum 4 hitters of each season

- DA Warner and Sachin Tendulkar had delivered Maximum 4's for 3 and 2 season respectively
- DA Warner holds the all time high record of 88 fours in 2016 season
- This chart helps us identify the potential batter who are good at finding gaps in the field



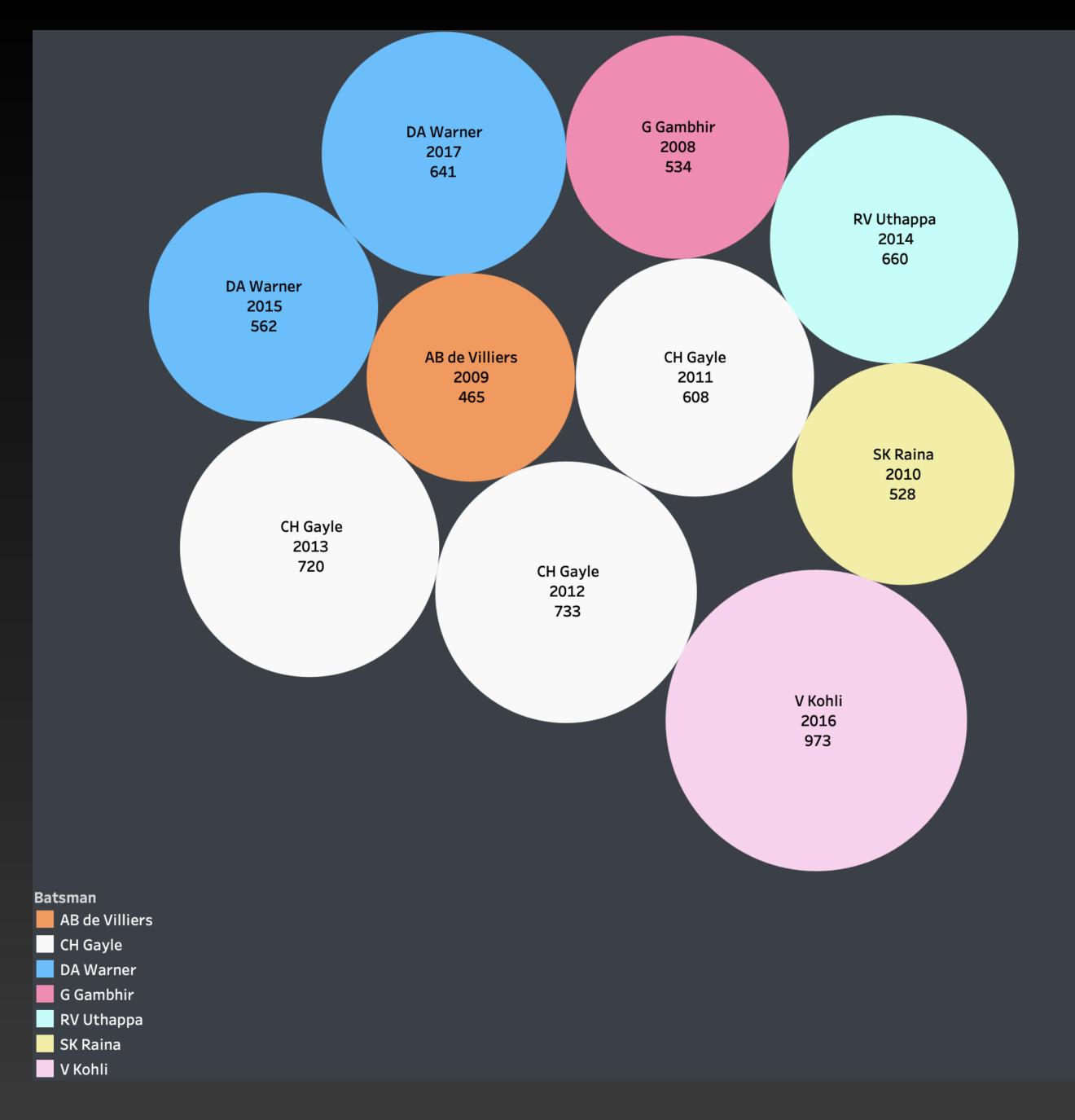
#### Purple Cap Contenders Bowlers with maximum dismissals w.r.t. season

- DJ Bravo has won the Purple Cap for 2015 and 2013 season and also holds the all time high record of 32 wickets in a season
- This chart shows best bowlers w.r.t. seasons



### Orange Cap Contenders Batters with Maximum runs w.r.t. season

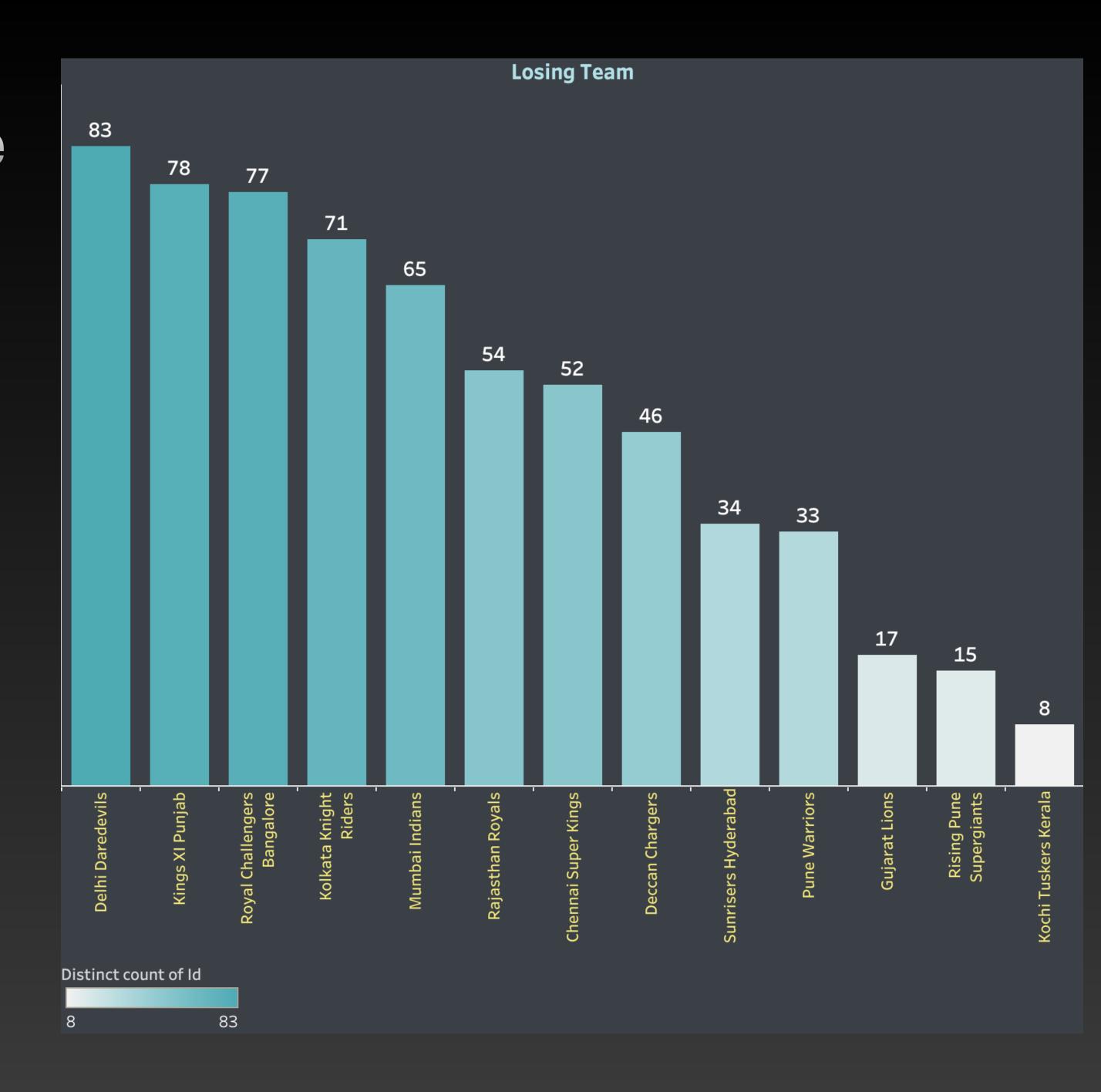
- We can see that CH Gayle had won Orange Cap for three continuous season from 2011 to 2013
- V Kohli holds the all time high record of 973 runs in a season
- These chart gives us a birds eye look of the potential batters in IPL



## Teams Statistics

# Season-wise Performance Team Losing most Matches

- If all the seasons are considered then Delhi Daredevils, Kings XI Punjab and RCB are worst performing teams
- As there are new teams in some season so they have relatively played less matches
- This chart gives us an overview of the teams w.r.t. loosing games



#### Season-wise Performance Teams Winning w.r.t. season

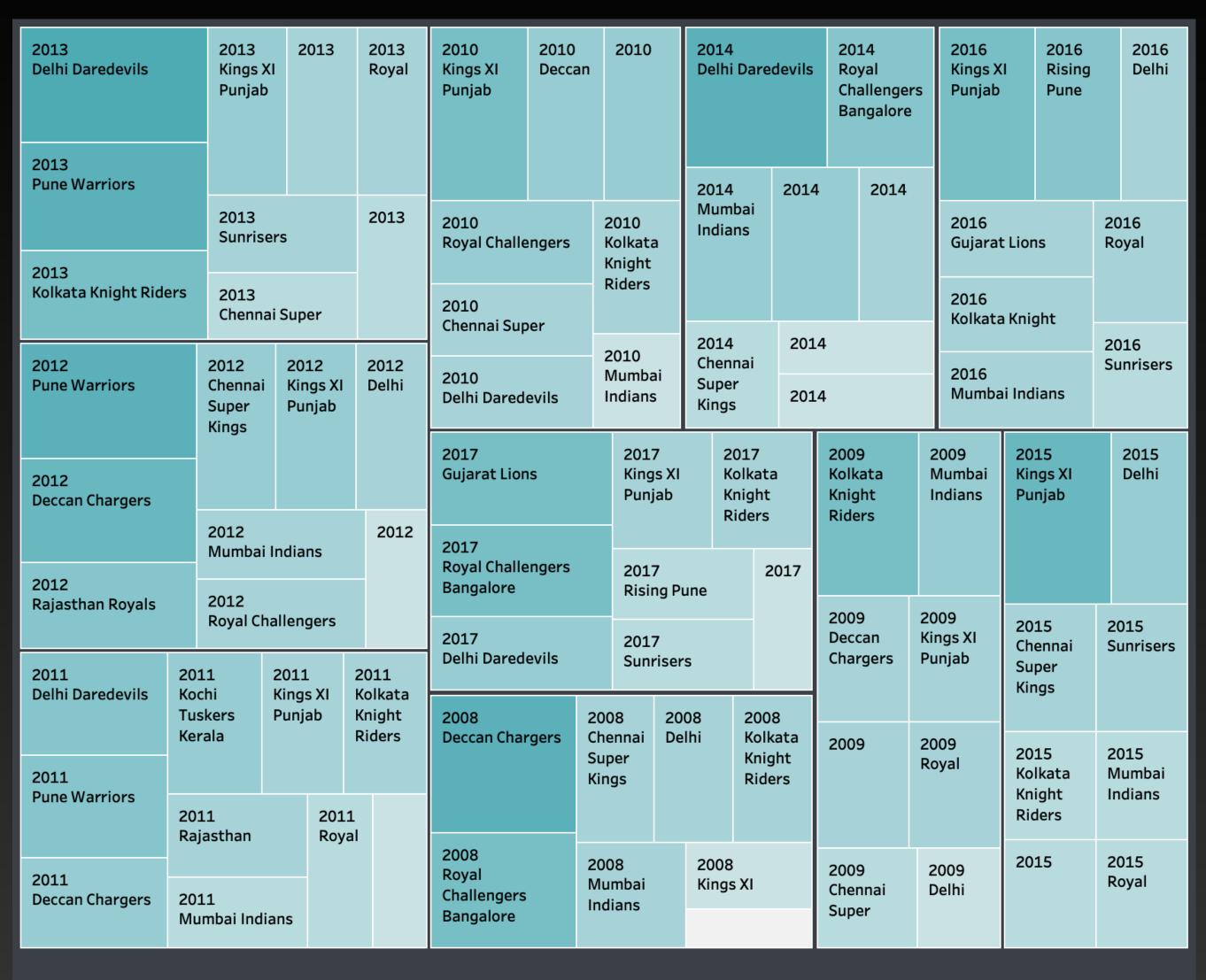
 If you glance this tree map then you'll see Mumbai Indians, Chennai Super kings, Royal Challengers Bangalore and Kolkata Knight Riders are mostly in darker squares that means they are overall good performing teams in the IPL

2013 Mumbai Indians 13			2013 Royal	2010 2010 Mumbai Indians 11		)	2010	2014 Kings XI Punjab 12		2014 Kolkata Knight Riders 11		2016 Sunri		2016		2016 Royal		
2013 Chennai Super Kings 12	2013 Kings XI Punjab 8 2013 Kolkata Knight		2013 Pune	2010		010	2010		2014 Chennai Super		2014							
2013 Rajasthan Royals 11			2013 Delhi	2010 Royal Challengers Bangalore		)10	2010	Kings  2014  Mumbai Indians			14	2016 Kolka Knigh	ta	20:	16			
2012 Kolkata Knight Riders	Mumbai I		2012 Kings XI Punjab	2010 Delhi Daredevils	20	)10			2014 Rajasthan Roya			oyal	Delhi	2016 Delhi Daredevils		16		
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2011 Royal Challengers Bangalore						2008 Kolkata		2008 Roya			2009 Rajast	han	2009	2009 2015 Delhi			2015 Kings	

#### Distinct count of ..

#### Season-wise Performance Teams Loosing w.r.t. season

- Delhi Daredevils are not performing good overall
- Royal Challengers Bangalore are also not performing good, this explains why they never won the IPL
- This is good view of overall performance of team which end up at the bottom of the league table



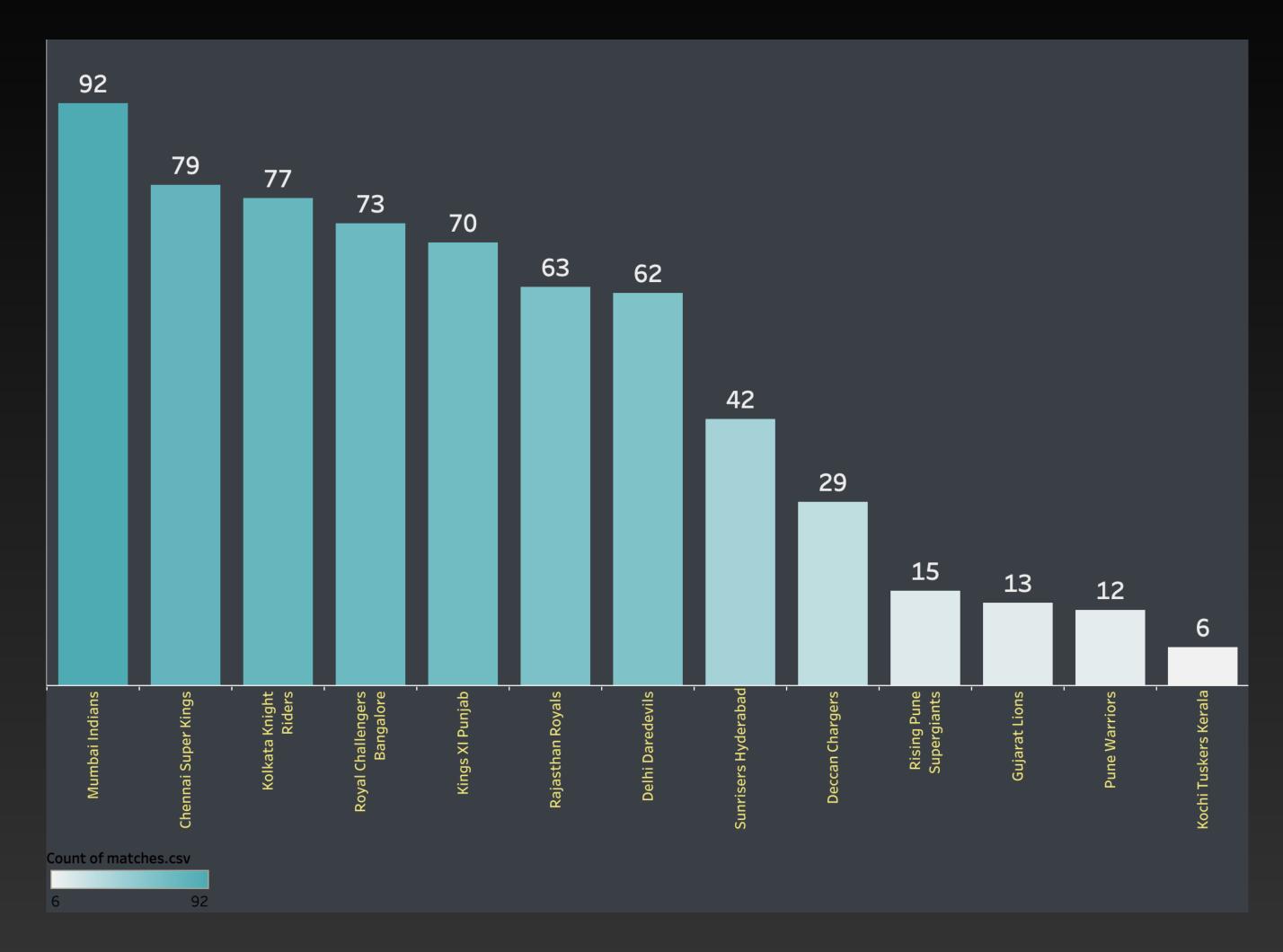
Distinct count of Id

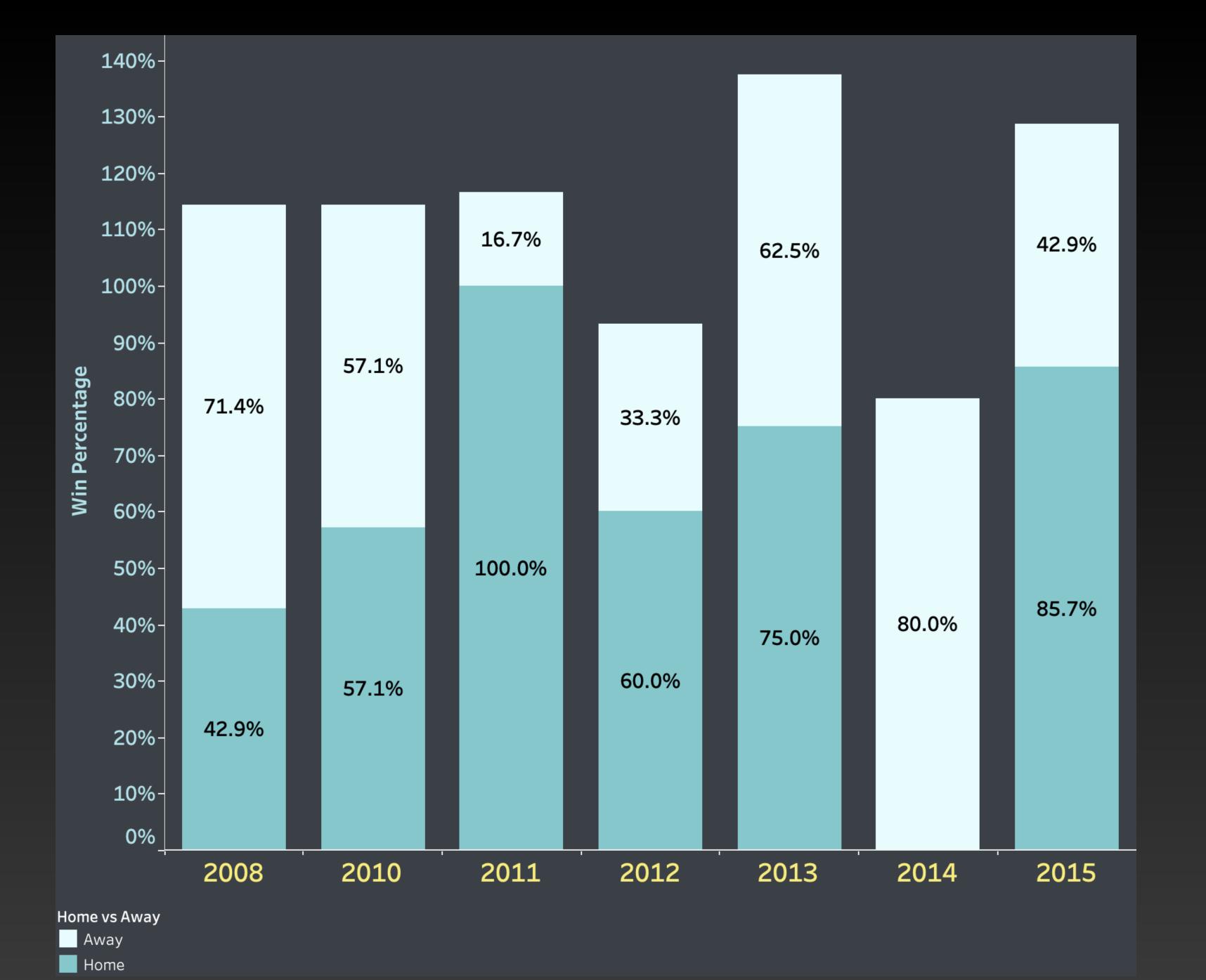
13

#### Best Teams

#### Team Winning most matches

- As we can see Mumbai Indians is the best team of IPL as they have won 92 matches (all seasons) which is all time high record
- Mumbai Indians has lifted the IPL CUP three times till 2017 season





#### Player of Match

CH Gayle 2011 6		CH Gayle 2013 3			DA Warner 2015 4	ner DA Wa 2016 3			RG Sharma 2016 4			RG Sharma 2013 2		SK SK Raina 2010 201		ina	SK Raina 2015 2		
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2008	2010		2011		2		DA Warner			2		RG Sharma			SK Raina		SKF	SK Raina	
					MS Dhoni		MS Dhoni 2010		MS		MS	AM			/I hane	MEK Hussey 2013		у	
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AB de Villiers	AB de		AB de		2008		MS Dhoni		MS Dhoni						MEK		MEK		
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•	2				2013	3 2			G Gambhir				2016		Husse		ey	Hussey	

#### "Thank You"

Ghule Sadanand Arun